## SECONDARY BATTERY CHARGED STATE MONITORING SYSTEM IN ELECTRONIC APPARATUS

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JP6163083

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**Applicant:** 

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Classification:

- international:

H01M10/48

- european:

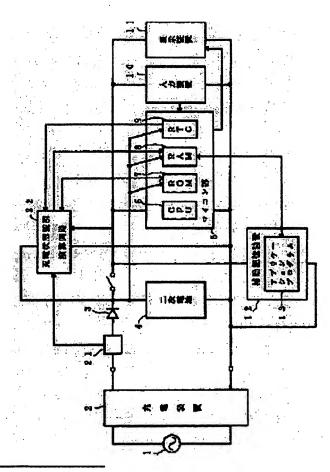
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## Abstract of JP6163083

PURPOSE: To precisely grasp the charged state of a secondary battery by software even in the state where a power source is cut. CONSTITUTION: A charging connection detecting circuit 21 is provided between a charging device 2 and a secondary battery 4, and a charging state monitoring arithmetic circuit 22 for receiving power supply from the secondary battery 4 is provided. The charging state monitoring arithmetic circuit 22 counts the clock from the real time clock 9 of a microcomputer part 5 when the charging connection detecting circuit 21 is laid in the detecting state, and stores the charging time to in a timer counter TCc in the RAM 8 of the microcomputer part 5. At power source input, the present charge residual capacity Q0 is calculated from the charge residual quantity Q0 at power source cut, the charge time tc and the charged current value Ic by use of an application program 13, and displayed on a display device 11.



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